

# Stuart J Mickel

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,391  
citations

471509

17  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression cloning of GABAB receptors uncovers similarity to metabotropic glutamate receptors. <i>Nature</i> , 1997, 386, 239-246.	27.8	953
2	Phosphinic Acid Analogs of GABA. 2. Selective, Orally Active GABAB Antagonists. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 3313-3331.	6.4	217
3	Phosphinic Acid Analogs of GABA. 1. New Potent and Selective GABAB Agonists. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 3297-3312.	6.4	202
4	Large-Scale Synthesis of the Anti-Cancer Marine Natural Product (+)-Discodermolide. Part 5: Linkage of Fragments C1-6 and C7-24 and Finale. <i>Organic Process Research and Development</i> , 2004, 8, 122-130.	2.7	136
5	GABAB receptor antagonists: from synthesis to therapeutic applications. <i>Trends in Pharmacological Sciences</i> , 1993, 14, 391-394.	8.7	108
6	Large-Scale Synthesis of the Anti-Cancer Marine Natural Product (+)-Discodermolide. Part 1: Synthetic Strategy and Preparation of a Common Precursor. <i>Organic Process Research and Development</i> , 2004, 8, 92-100.	2.7	104
7	GABA and glutamate release affected by GABA <sub>B</sub> receptor antagonists with similar potency: no evidence for pharmacologically different presynaptic receptors. <i>British Journal of Pharmacology</i> , 1994, 113, 1515-1521.	5.4	93
8	Large-Scale Synthesis of the Anti-Cancer Marine Natural Product (+)-Discodermolide. Part 4: Preparation of Fragment C7-24. <i>Organic Process Research and Development</i> , 2004, 8, 113-121.	2.7	87
9	The actions of orally active GABAB receptor antagonists on GABAergic transmission in vivo and in vitro. <i>European Journal of Pharmacology</i> , 1993, 233, 179-186.	3.5	86
10	Large-Scale Synthesis of the Anti-Cancer Marine Natural Product (+)-Discodermolide. Part 3: Synthesis of Fragment C15-21. <i>Organic Process Research and Development</i> , 2004, 8, 107-112.	2.7	67
11	Large-Scale Synthesis of the Anti-Cancer Marine Natural Product (+)-Discodermolide. Part 2: Synthesis of Fragments C1-6 and C9-14. <i>Organic Process Research and Development</i> , 2004, 8, 101-106.	2.7	62
12	Aminophosphonic and aminophosphinic acid analogues of aspartic acid. <i>Tetrahedron</i> , 1982, 38, 2513-2524.	1.9	48
13	The action of new potent GABAB receptor antagonists in the hemisectioned spinal cord preparation of the rat. <i>European Journal of Pharmacology</i> , 1993, 235, 153-155.	3.5	44
14	Total synthesis of the marine natural product (+)-discodermolide in multigram quantities. <i>Pure and Applied Chemistry</i> , 2007, 79, 685-700.	1.9	25
15	Ligands for the isolation of GABAB receptors W. Froestl would like to dedicate this work to the first GABAB chemist, Cr Heinrich Keberle, on the occasion of his 77th birthday. <i>Neuropharmacology</i> , 1999, 38, 1641-1646.	4.1	20
16	Ligands for expression cloning and isolation of GABAB receptors. <i>Il Farmaco</i> , 2003, 58, 173-183.	0.9	18
17	Synthetic Analogues of the Microtubule-Stabilizing Agent (+)-Discodermolide: Preparation and Biological Activity. <i>Journal of Natural Products</i> , 2004, 67, 749-756.	3.0	17
18	A Study of the Paterson Boron Aldol Reaction as Used in the Large-Scale Total Synthesis of the Anticancer Marine Natural Product (+)-Discodermolide. <i>Organic Process Research and Development</i> , 2005, 9, 113-120.	2.7	17

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19	Morpholin-2-yl-phosphinic acids are potent GABAB receptor antagonists in rat brain. <i>European Journal of Pharmacology</i> , 1998, 362, 27-34.	3.5	16
20	Chemistry of GABAB Modulators. , 1997, , 271-296.		15
21	Chemistry of GABAB Modulators. , 2007, , 239-251.		13
22	The synthesis of a new phosphorus-containing bicyclic $\beta^2$ -lactam. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 200-200.	2.0	12
23	Determination of rat brain and plasma levels of the orally active GABAB antagonist 3-amino-propyl-n-butyl-phosphinic acid (CGP 36742) by a new GC/MS method. <i>Biochemical Pharmacology</i> , 1996, 51, 613-619.	4.4	10
24	Broad Spectrum Chemistry as Practised by Novartis Process Research. <i>Chimia</i> , 2004, 58, 640-648.	0.6	5
25	Overview: Potent GABA <sub>B</sub> Agonists and Antagonists. <i>Current Opinion in Therapeutic Patents</i> , 1993, 3, 561-567.	0.0	4
26	Ligands for expression cloning and isolation of GABAB receptors. <i>Il Farmaco</i> , 2001, 56, 101-105.	0.9	4
27	Chapter 9 Adventures in natural product synthesis: From deep sea sponge to pilot plant. The large scale total synthesis of the marine natural product (+)-discodermolide. <i>Strategies and Tactics in Organic Synthesis</i> , 2005, 6, 269-320.	0.1	4
28	Erratum to "Ligands for the isolation of GABAB receptors" <i>Neuropharmacology</i> , 1999, 38, 1921.	4.1	0
29	Toward a Commercial Synthesis of (+)-Discodermolide. <i>ChemInform</i> , 2005, 36, no.	0.0	0
30	Broad Spectrum Chemistry as Practised by Novartis Process Research. <i>ChemInform</i> , 2005, 36, no.	0.0	0